Sı	ubstitute for form 144	ιαΔ/ΡΤά)	Application Number	10/716,316
INFORMATION DISCLOSURE				Filing Date	November 17, 2003
	EMENT BY A			First Named Inventor	Xiaochun Nie
			•	Group Art Unit	2621
(use as many sheets as necessary)				Examiner Name	WERNER, DAVID N
Sheet	1	of 4		Attorney Docket Number	APLE.P0036

	U.S. PATENT DOCUMENTS											
Examiner* Initials	Cite No. ¹		ment f Code ² known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
/D.N.W./	1.	5,038,209		08-06-1991	Hang, Hsueh-Ming							
/D.N.W./	2.	5,677,969		10-14-1997	Auyeung, Cheung, et al.							
/D.N.W./	3.	5,929,916		07-27-1999	Legall, Didier J., et al.							
/D.N.W./	4.	6,023,296		02-08-2000	Lee, Hung-Ju, et al.							
/D.N.W./	5.	6,198,878		03-06-2001	Blawat, Meinolf, et al.							
/D.N.W./	6.	6,229,849		05-08-2001	Mihara, Kanji							
/D.N.W./	7.	6,282,241		08-28-2001	Saw, Yoo-sok							
/D.N.W./	8.	6,310,897		10-30-2001	Watanabe, Toshiaki, et al.							
/D.N.W./	9.	6,587,506		07-01-2003	Noridomi, Kenichi, et al.							
/D.N.W./	10.	6,847,656		01-25-2005	Wu, Siu-Wai, et al.							
/D.N.W./	11.	6,961,376		11-01-2005	Wu, Siu-Wai, et al.							
/D.N.W./	12.	6,961,378		11-01-2005	Greenfield, James D., et al.							

	U.S. PATENT DOCUMENTS										
Examiner* Initials	Cite No.1	U.S. Patent Docum Number Kind ((if ki		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
/D.N.W./	13.	2002/0012395		01-31-2002	Song, Joon-Ho, et al.						
/D.N.W./	14.	2002/0126752		09-12-2002	Kim, Eung T.						
/D.N.W./	15.	2002/0136295		09-26-2002	Sato, Kazushi						
/D.N.W./	16.	2002/0136304		09-26-2002	Akhan, Mehmet B., et al.						
/D.N.W./	17.	2003/0072364		04-17-2003	Kim, Hyun M., et al.						

	COMMONLY OWNED U.S. PATENT DOCUMENTS											
Examiner* Initials	Cite No.1	U.S. Patent Documer Number Kind Co (if kno	de ² Publication	Name of Patentee or Applicant of Cited Document	Other Commonly Owned Data							
/D.N.W./	18.	12/820,106	06-21-2010 (filing date)	Pun, Thomas, et al.	Non-published commonly owned U.S. Patent Application 12/820,106 (APLE.P0028DIV1)							

Examiner	/David Werner/	Date	11/30/2010
Signature		Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Sı	ubstitute for form 144	ισΔ/ΡΤΟ		Application Number	10/716,316
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	November 17, 2003
				First Named Inventor	Xiaochun Nie
,				Group Art Unit	2621
(use as many sheets as necessary)				Examiner Name	WERNER, DAVID N
Sheet	2	of	4	Attorney Docket Number	APLE.P0036

	COMMONLY OWNED U.S. PATENT DOCUMENTS										
Examiner* Initials	Cite No.1	U.S. Patent Document Number Kind Code ² (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Other Commonly Owned Data						
/D.N.W./	19.	7,769,084	08-03-2010	Pun, Thomas, et al.	Issued Patent of commonly owned U.S. Patent Application 10/427,843 (APLE.P0028), listed as item #24 in the 1449 filed 08-02-2007						

1 1 2 2	1	COMMONL	Y OWNED U.S	. PATENT DOCUMEN	TS
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code² (if known)	Mailing Date of Last Action, Response, or Amendment MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Other Commonly Owned Data
/D.N.W./	20.	Updated portions of Prosecution History for 10/427,669	06-10-2008	Nie, Xiaochun, et al.	Updated portions of prosecution history for commonly owned U.S. Patent Application 10/427,669 (APLE.P0020), now issued U.S. Patent 7,418,037, listed as item #5 in the 1449 filed 02-19-2009, including action(s) dated 06-10-2008 and 02-28-2007; and response(s)/amendment(s) dated 02-27-2008, 09-04-2007, 01-12-2007, and 07-20-2006 (60 pages)
/D.N.W./	21.	Portions of Prosecution History for 12/165,625	08-22-2008	Nie, Xiaochun, et al.	Portions of prosecution history for commonly owned U.S. Patent Application 12/165,625 (APLE.P0020C2), listed as item #7 in the 1449 filed 02-19-2009, including response(s)/amendment(s) dated 08-22-2008 (11 pages)

Examiner	/David Werner/	Date	11/30/2010
Signature	, 5000000000000000000000000000000000000	Considered	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Inlied that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

•					
Q ₁	ubstitute for form 144	10 A /DT/	`	Application Number	10/716,316
INFORMATION DISCLOSURE				Filing Date	November 17, 2003
	EMENT BY A			First Named Inventor	Xiaochun Nie
				Group Art Unit	2621
(use as many sheets as necessary)				Examiner Name	WERNER, DAVID N
Sheet	3	of	4	Attorney Docket Number	APLE.P0036

		COMMONL	Y OWNED U.S	. PATENT DOCUMEN	TS
Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code² (if known)	Mailing Date of Last Action, Response, or Amendment MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Other Commonly Owned Data
/D.N.W./	22.	Updated Portions of Prosecution History for 10/427,843	05-17-2010	Pun, Thomas, et al.	Updated portions of prosecution history for commonly owned U.S. Patent Application 10/427,843 (APLE.P0028), now issued U.S. Patent 7,769,084, listed as item #19 above, including action(s) dated 04-02-2010, 02-22-2010, 01-28-2010, 10-30-2009, 10-02-2008; and response(s)/amendment(s) dated 05-17-2010, 02-01-2010, 01-21-2010, 03-05-2009, 02-25-2008, 06-27-2007, and 11-30-2006 (144 pages)
/D.N.W./	2 3.	Updated Portions of Prosecution History for 10/716,265	05-13-2010	Pun, Thomas, et al.	Updated portions of prosecution history for commonly owned U.S. Patent Application 10/716,265 (APLE.P0037), listed as item #25 in the 1449 filed 08-02-2007, including action(s) dated 05-13-2010, 01-04-2010, 04-06-2009, 12-11-2008, 08-22-2008, and 07-14-2008; and response(s)/amendment(s) dated 04-04-2010, 09-04-2009, 08-11-2009, 12-29-2008, 12-01-2008, 10-22-2008, 03-17-2008, 12-12-2007, 07-30-2007, and 04-07-2004 (183 pages)

	FOREIGN PATENT DOCUMENTS											
Examiner* Cite Foreign Patent Document Initials No.1 Kind Code Office3 Number4 (if known)5			Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear							
/D.N.W./	24.	wo	02/096120		11-28-2002	Centre For Signal Processing, Nanyang Technological University						

Examiner Signature /David Werner/ Date Considered 11/30/2010
--

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/716,316	
				Filing Date	November 17, 2003	
				First Named Inventor	Xiaochun Nie	
				Group Art Unit	2621	
				Examiner Name	WERNER, DAVID N	
Sheet	4	of	4	Attorney Docket Number	APLE.P0036	

NON PATENT LITERATURE DOCUMENTS							
Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т ⁶				
/D.N.W./	25.	LEE, HUNG-JU, et al. "Scalable Rate Control for MPEG-4 Video", IEEE Transactions on Circuits And Systems for Video Technology, September 2000, pp. 878-894, Vol. 10, No. 6.					

Examiner	2770 (1334)	Date	44/00/0040
Signature	/David Werner/	Considered	11/30/2010

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.